

Title (en)

POLYMERISABLE COMPOUNDS AND THE USE THEREOF IN LIQUID-CRYSTAL DISPLAYS

Title (de)

POLYMERISIERBARE VERBINDUNGEN UND VERWENDUNG DAVON IN FLÜSSIGKRISTALLANZEIGEN

Title (fr)

COMPOSÉS POLYMÉRISABLES ET LEUR UTILISATION DANS DES DISPOSITIFS D’AFFICHAGE À CRISTAUX LIQUIDES

Publication

**EP 3149109 B1 20191016 (EN)**

Application

**EP 15719617 A 20150505**

Priority

- EP 14001889 A 20140530
- EP 2015000911 W 20150505

Abstract (en)

[origin: WO2015180819A1] The present invention relates to polymerisable compounds comprising a carboxamide or sulphonamide group, to processes and intermediates for the preparation thereof, to liquid-crystal (LC) media comprising them, and to the use of the polymerisable compounds and LC media for optical, electro-optical and electronic purposes, in particular in LC displays, especially in LC displays of the polymer sustained alignment type.

IPC 8 full level

**C09K 19/34** (2006.01); **C09K 19/04** (2006.01); **C09K 19/12** (2006.01)

CPC (source: CN EP KR)

**C09K 19/04** (2013.01 - CN EP KR); **C09K 19/3483** (2013.01 - CN EP KR); **C09K 2019/0448** (2013.01 - CN EP KR); **C09K 2019/0481** (2013.01 - CN EP KR); **C09K 2019/122** (2013.01 - CN EP KR); **C09K 2019/123** (2013.01 - CN EP KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2015180819 A1 20151203**; CN 106414665 A 20170215; CN 106414665 B 20190430; EP 3149109 A1 20170405; EP 3149109 B1 20191016; KR 20170013944 A 20170207; TW 201610107 A 20160316; TW I662109 B 20190611

DOCDB simple family (application)

**EP 2015000911 W 20150505**; CN 201580028404 A 20150505; EP 15719617 A 20150505; KR 20167036857 A 20150505; TW 104116980 A 20150527